

King County DNRP Water Quality Index

STATION **440** WATER YEAR **2014**

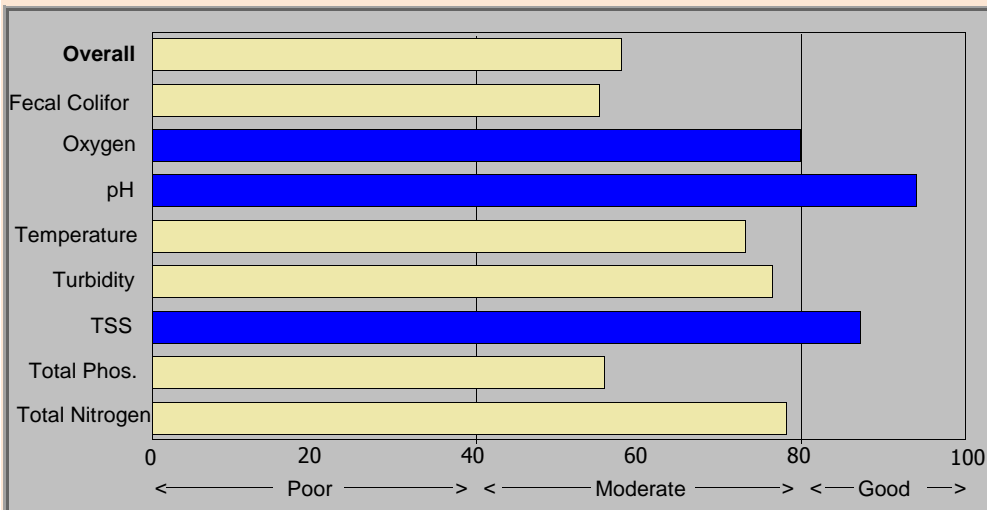
GAUGE # **37a** **May Creek @ Mouth**

Overall Index **58**

King County monitors water quality in May Creek at station 0440, located at the gaging station near the bridge on Lake Washington Blvd and SE 80th Street. King County has collected monthly water quality samples at this location since 1972. The May Creek basin encompasses roughly 8,960 acres and includes 26 miles of mapped streams, two small lakes, and over 400 acres of wetlands. The upper, eastern portion of the basin is characterized by less dense residential and agricultural development, and includes a significant portion of the undeveloped parkland on Cougar Mountain. The lower, western portion of the basin is inside the Urban Growth Boundary and is primarily dense urban residential development. May Creek is on the 2012 Washington Department of Ecology's 303(d) list for violation of bacteria standards. May Creek supports five species of salmonids.

Annual Water Quality Index Scores

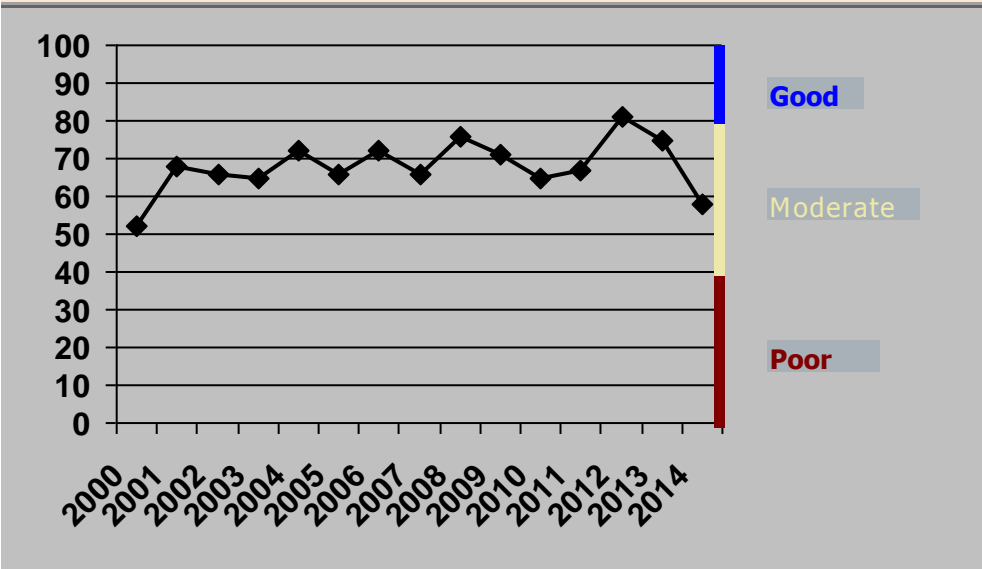
Water quality was MODERATE based on data collected 10/1/2013 to 9/30/2014.



Monthly Scores For Water Year 2014

Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
25	92	97	95	83	87	90	80	78	81	80	71

WQI Score Comparison By Water Year



About The Water Quality Index:

The Water Quality Index (WQI) score is a unit-less number ranging from 10 to 100: the higher the number, the higher the water quality. Scores are calculated from data collected during the monthly routine sampling. For temperature, pH, fecal coliform bacteria, turbidity, and dissolved oxygen, the index expresses results relative to levels required to maintain beneficial uses according to criteria in Washington's Water Quality Standards, WAC 173-201A. For nutrient and sediment measures where there are no standard, results are expressed relative to guidelines for this eco-region. Results from the eight parameters are aggregated over time to produce a single score for each sample station. In general, stations scoring 80 and above did not fail water quality standards or guidelines and are of "low concern", scores 40 to 80 indicate "moderate concern", and water quality at stations with scores below 40 are of "high concern". For more information about the WQI please visit <http://green.kingcounty.gov/WLR/Waterres/StreamsData/WQI.aspx>

For more information about this creek please visit our website at <http://green.kingcounty.gov/WLR/Waterres/StreamsData/streamlist.aspx>